SDS Report

No. SDS 201015D Date: Jul.26,2010

Client's name:	Mascot Europe BV
Client's address:	De Corantijn 3 1689 AN Zwaag' The Netherlands
SGS Ref No. :	SHFDO090505255FD
Product Name:	Mascot(Werckmann) industrial cleaning wipes
End Uses:	Industrial cleaning
Composition/Ingredient:	Alcohol (5.333333%), Decyl glucoside (0.333333%), Methylchloroisothiazolinone (0.000750%), Methylisothiazolinone (0.000250%), Polysorbate 20 (0.1%), γ-Butyrolactone (2.666667%), Fragrance (0.053333%), Water (58.179%), Polyethylene (16.666667%), Polypropylene (16.666667%).
Job Receiving Date:	May.19, 2009
Preparation Period:	Jun.2-10, 2009

Service Requested
Safety Data Sheet for the Product

SUMMARY

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EEC.

****

Signed for and on behalf of
NBC Chemical Laboratory

Xiaolin Zhang
Director

Safety Data Sheet

Printing date 26.07.2010

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name: Mascot(Werckmann) industrial cleaning wipes**
· **Registration number:** Not available.
· **Application of the substance / the preparation:** Industrial cleaning.

· **Manufacturer/Supplier:**
Mascot Europe BV
De Corantijn 3 1689 AN Zwaag' The Netherlands
Tel:+31(0)229-284100
Fax:+31(0)229-230272

· **Further information obtainable from:** Mascot Europe BV
· **Information in case of emergency:**
Rogier
MP:15918251181
· **Email:** info@mascot-europe.nl

2 Hazards identification

· **Hazard description:** Not applicable.
· **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Don't belong to hazard goods
· **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

· **Chemical characterization**
· **Description:**
Mixture of substances listed below with nonhazardous additions.
For the wording of the listed risk phrases refer to section 16.

· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol F; R 11	5,333333%
CAS: 96-48-0 EINECS: 202-509-5	gamma-butyrolactone Xn, Xi; R 22-36	2,666667%
	Fragrance Xi; R 36/38	0,053333%
CAS: 26172-55-4 EINECS: 247-500-7	5-chloro-2-methyl-2H-isothiazol-3-one T, C, N; R 23/24/25-34-43-50/53	0,000750%
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one T, C; R 24/25-34-43	0,000250%

· **Non-dangerous component:**

CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	58,179%
CAS: 9002-88-4	Polyethylene	16,666667%
CAS: 9003-07-0	Polypropylene	16,666667%
CAS: 54549-25-6	decyl D-glucoside	0,333333%
CAS: 9005-64-5 NLP: 500-018-3	Sorbitan monolaurate, ethoxylated	0,1%

(Contd. on page 2)

Safety Data Sheet

Printing date 26.07.2010

Trade name: Mascot(Werckmann) industrial cleaning wipes

(Contd. of page 1)

· **Remark:**
Ehtanol(CAS NO.64-17-5)
Synonym:Alcohol

5-chloro-2-methyl-2H-isothiazol-3-one(CAS NO.26172-55-4)
Synonym:Methylchloroisothiazolinone

2-methyl-2H-isothiazol-3-one(CAS NO.2682-20-4)
Synonym:Methylisothiazolinone

Sorbitan monolaurate, ethoxylated(CAS NO.9005-64-5)
Synonym:Polysorbate 20

Note:Information of "Fragrance" used in the product comes from the MSDS report offered by the client.

4 First aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** Generally the product does not irritate the skin.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

· **Suitable extinguishing agents:** CO2, sand, extinguishing powder. Do not use water.
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

· **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
· **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
· **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Do not flush with water or aqueous cleansing agents

7 Handling and storage

· **Handling**
· **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **Storage**
· **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.

(Contd. on page 3)

Safety Data Sheet

Printing date 26.07.2010

Trade name: Mascot(Werckmann) industrial cleaning wipes

(Contd. of page 2)

· **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from flammable substances.
Do not store together with acids.
· **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

64-17-5 ethanol (5,333333%)

WEL (Great Britain)	1920 mg/m³, 1000 ppm
PEL (USA)	1900 mg/m³, 1000 ppm
REL (USA)	1900 mg/m³, 1000 ppm
TLV (USA)	Short-term value: 1880 mg/m³, NIC-1000 ppm Long-term value: 1880 mg/m³, 1000 ppm NIC-A3

· **DNELs:** Not available.
· **PNECs:** Not available.
· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment**
· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
· **Respiratory protection:** Suitable respiratory protective device recommended.
· **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
· **Material of gloves:**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material:**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

Form:	Fibres
Colour:	White
Odour:	Lemon

· **Change in condition:**

Melting point/Melting range:	Not available.

(Contd. on page 4)

Safety Data Sheet

Printing date 26.07.2010

Trade name: Mascot(Werckmann) industrial cleaning wipes

(Contd. of page 3)

Boiling point/Boiling range:	Not available.
· **Flash point:**	>100℃
· **Flammability (solid, gaseous):**	Not available.
· **Ignition temperature:**	>100℃
· **Self-igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
· **Explosion limits:**	
Lower:	Not available.
Upper:	Not available.
· **Oxidizing properties:**	Not available.
· **Vapour pressure:**	Not available.
· **Density:**	Not available.
· **Relative density:**	Not available.
· **Vapour density:**	Not available.
· **Evaporation rate:**	Not available.
· **Solubility in / Miscibility with:**	
water:	Not available.
· **pH-value:**	Not available.
· **Segregation coefficient (n-octanol/water):**	Not available.
· **Viscosity:**	
Dynamic:	Not available.

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Dangerous reactions:** No dangerous reactions known.
· **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity**

· **LD/LC50 values relevant for classification:**		
64-17-5 ethanol		
Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4 h	20000 mg/l (rat)
9005-64-5 Sorbitan monolaurate, ethoxylated		
Oral	LD50	36,7mL/kg (rat)
		>33000mg/kg (mouse)
96-48-0 gamma-butyrolactone		
Oral	LD50	1540 mg/kg (rat)
Dermal	LD50	5000 mg/kg (gui)

· **Primary irritant effect**
· **on the skin:** Irritating effect possible.
· **on the eye:** Irritating effect possible.
· **Sensitization:** Sensitization possible.
· **Additional toxicological information:** Not available.
· **Toxicokinetics, metabolism and distribution:** Not available.

(Contd. on page 5)

Safety Data Sheet

Printing date 26. 07. 2010

Trade name: Mascot(Werckmann) industrial cleaning wipes

(Contd. of page 4)

· **Acute effects (acute toxicity, irritation and corrosivity):** Not available.
· **Repeated dose toxicity:** Not available.
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):** Not available.

12 Ecological information

· **Information about elimination (persistence and degradability):** Not available.
· **Behaviour in environmental systems**
· **Mobility and bioaccumulation potential:** Not available.
· **Ecotoxical effects**
· **Acquatic toxicity:** Not available.

· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **PBT assessments:** Not available.

13 Disposal considerations

· **Product**
· **Recommendation:**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **Land transport ADR/RID (cross-border)**	
· **ADR/RID class:**	-
· **Danger code (Kemler):**	-
· **UN-Number:**	-
· **Packaging group:**	-
· **Hazard label:**	-
· **Description of goods:**	-
· **Limited quantities (LQ):**	-
· **Transport category:**	-
· **Tunnel restriction code:**	-

· **Maritime transport IMDG**	
· **IMDG Class:**	-
· **UN Number:**	-
· **Label:**	-
· **Packaging group:**	-
· **EMS Number:**	-
· **Marine pollutant:**	Yes
· **Proper shipping name:**	-

· **Air transport ICAO-TI and IATA-DGR**	
· **ICAO/IATA Class:**	-
· **UN/ID Number:**	-
· **Label:**	-
· **Packaging group:**	-
· **Proper shipping name:**	-

(Contd. on page 6)

Safety Data Sheet

Printing date 26. 07. 2010

Trade name: Mascot(Werckmann) industrial cleaning wipes

(Contd. of page 5)

15 Regulatory information

· **sera**

· **Section 355(extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313(Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA(Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity
9002-88-4	Polyethylene
9003-07-0	Polypropylene
64-17-5	ethanol
96-48-0	gamma-butyrolactone
9005-64-5	Sorbitan monolaurate, ethoxylated
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one
2682-20-4	2-methyl-2H-isothiazol-3-one

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

64-17-5	ethanol

· **Cancerogenity categories**

· **EPA(Environmental Protection Agency):**

None of the ingredients is listed.

· **IARC(International Agency for Research on Cancer):**

9002-88-4	Polyethylene	3
9003-07-0	Polypropylene	3
96-48-0	gamma-butyrolactone	3

· **NTP(National Toxicology Program):**

None of the ingredients is listed.

· **TLV(Threshold Limit Value established by ACGIH):**

64-17-5	ethanol	A4

· **NIOSH-Ca(National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients is listed.

· **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Risk phrases:**
Don't belong to hazard goods

· **Safety phrases:**
2 Keep out of the reach of children.

(Contd. on page 7)

Safety Data Sheet

Printing date 26.07.2010

Trade name: Mascot(Werckmann) industrial cleaning wipes

(Contd. of page 6)

7/9 Keep container tightly closed and in a well-ventilated place.
29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
46 If swallowed, seek medical advice immediately and show this container or label.

16 Other information

· **Relevant R-phrases:**
11 Highly flammable.
22 Harmful if swallowed.
23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
24/25 Toxic in contact with skin and if swallowed.
34 Causes burns.
36 Irritating to eyes.
36/38 Irritating to eyes and skin.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
· **********

The contents and format of this MSDS/SDS are in according with REGULATION (EC) No. 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EEC.

DISCLAIMER OF LIABILITY
The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

· **********

End of document